AMENDMENTS TO THE ABSTRACT

Please replace the originally filed Abstract with the Substitute Abstract which is appended to the end of this response.

AMENDMENTS TO THE SPECIFICATION

Please replace the original specification with the Substitute Specification which is submitted with this response. A redline specification is also submitted to show the changes which have been made. As will be appreciated, the amendments add section titles and thus overcomes the objection raised in paragraph #4 of this Office Action.

ABSTRACT

A distributed multiprocessing system, comprises several hosts connected to a network. Each host has a processing unit and internal memory accessed by the processing unit. In addition, each host further has an access device connected to a fault tolerant external memory unit by a fast connection. Each processing unit accesses the external memory unit transparently. The processing units of the distributed multiprocessing system thus share the same view of the external memory unit. This makes it possible to use symmetric multiprocessing memory sharing mechanisms, in a distributed multiprocessing system, due to the reduction of latency overheads by 4 or 5 orders of magnitude compared with standard DMP interconnect methods.

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